- 1. Ok
- 2. 1st character is a number
- 3. Unsupported characters for identifier (dash sign -)
- 4. Ok
- 5. 'class' is a Reserved keyword
- 6. Ok
- 7. Invalid character '@'
- 8. Ok
- 9. Ok

2.

3.

i.

```
Testjava ×

Class Test {

public static void main (String [] args) {

System.out.println("Hello world");

}

Process finished with exit code 0
```

ii.

Unable to find Programme String Arguments Array

iii.

```
Class Test {
System.out.println("Hello world");

Test.java:2: error: <identifier> expected System.out.println("Hello world");

Test.java:2: error: illegal start of type System.out.println("Hello world");

Test.java:2: error: compilation failed

Process finished with exit code 1
```

Doesn't have main method.

4.

i). Return type of main method not mentioned

ii).

Arithmetic Exception

iii).

Logical Error

5.

```
Testjava X

| Class Product {
| String productName = "Laptop"; // Instance Variable |
| String productName = "Laptop"; // Static variable |
| Void discountPrice() {
| double discount = 10.5; // Local Variable |
| Process finish |
| Process f
```

.

6.

7.

a).

b).

```
Test.java
                                                                                            Test
      public class Test {
                                                                                               "C:\Program Files
          public static void main(String[] args) {
              System.out.println(num1 + num2);
              System.out.println(num1 - num2);
                                                                                      ==
              System.out.println(num1 * num2);
                                                                                               true
              System.out.println(num1 / num2);
                                                                                              Max is: 30
              System.out.println(num1 % num2);
              System.out.println(num1 > num2 && num1 < num3);</pre>
              System.out.println("Max is: " + max);
                                                                                               true
                                                                                               Process finished
              System.out.println(y++);
              System.out.println(y--);
              System.out.println(--y);
              System.out.println(!isTrue);
```

8).

```
¢
       🧂 Test.java
                   🦸 View.java 🗦
                                # Students.java
             public class Test {
                  public static void main(String[] args) {
.java
                     System.out.println(Math.max(Integer.parseInt(args[0]),2

    Integer.parseInt(args[1])));
iml
raries
nd Consol 8
    Local (2) ×
|alkotu-ec22053\IdeaProjects\untitled> <mark>javac</mark> Test.java
|alkotu-ec22053\IdeaProjects\untitled> java Test 5,7
thread "main" java.lang.NumberFormatException: For input string: "5,7"
wa.base/java.lang.NumberFormatException.forInputString(NumberFormatException.java:65
ıva.base/java.lang.Integer.parseInt(Integer.java:652)
ıva.base/java.lang.Integer.parseInt(Integer.java:770)
est.main(Test.java:4)
|alkotu-ec22053\IdeaProjects\untitled> java Test 5 7
|alkotu-ec22053\IdeaProjects\untitled> java Test 5 -7
|alkotu-ec22053\IdeaProjects\untitled> <mark>java</mark> Test -5 -7
µalkotu-ec22053∖IdeaProjects\untitled> ∏
```